



2010 – 2011

**CIAT-PABRA AND NARS COLLABORATIVE
BEAN RESEARCH AND DEVELOPMENT IN
WEST AND CENTRAL AFRICA (WCA)**

PABRA S C, Bujumbura, 22 – 24 March 2011

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1. WECABREN

- **Creation:** During the meeting of 4 - 6 November 2006, Accra, Ghana;
- **Plate form** for exchange and knowledge sharing between WCA NARS and other networks;
- Following were the **SC approved 7 guidelines** for WECABREN activities:
 - Baseline studies on common beans.
 - Collection and characterization of bean local land races.
 - Introduction of bean germplasm and evaluation.
 - Seed increase of adapted materials for wider on farm/participatory evaluations and for distribution within the network (Cameroon)
 - Capacity building in bean research and development methods (research methods, disease & pest identification) for technician and researchers.
 - Exchange visits to PABRA activities within and outside the WCA region.
 - Establishment of a networking mechanism for WECABREN.

2. WECABREN MEMBER COUNTRIES

**Countries actively
collaborating in the
joint network
activities with the
support of PABRA**

- Burkina Faso
- Cameroon,
- Central African Republic,
- Congo Brazzaville,
- Guinea Conakry,
- Senegal,
- Sierra Leone and
- Togo
- Ghana and
- Mali joined in January 2010

3.Establishment of a networking mechanism for WECABREN.

- The networking is effective through well functioning activities, contacts and communications:
 - Internet
 - Telephone
 - Training workshops
 - Annual meetings
 - Technical back stopping
 - Exchange with Outcome leaders and PABRA administration
 - Activities increasing: 34 in 09/10; 128 in 10/11

4. Evolution in the activities

- 2006: Creation of WECABREN
- 2007/2008: Base line diagnosis;
- 2008/2009: Germplasm evaluation and land races collection and characterization, diagnosis ctd;
- 2009/2010: Germplasm evaluation, land races characterization ctd, diagnosis completed with gender aspect, PVS, market and client group characterization.
- 2010/2011: Non varietal, nutrition study, gender integration and M& E added to above
- 2011/2012: All seven outcomes implementation

5. Base line information on countries

Country	Production (t)	Yield (t/ha)
Burkina Faso	500	0.35 – 0.6
Cameroon	174 848	0.5 - 1.6
CAR	300	0.5 – 0.7
Congo Brazzaville		
Guinea Conakry		0.65
Senegal	10 600 (snap bean)	
Sierra Leone		
Togo	41 769	0.5
Ghana		0.95 – 1.1
Mali		

4. Base line information on countries (ctd)

Country	Nber bean land races	status
Burkina Faso	8	pending
Cameroon	23	characterized
CAR	3	characterized
Congo Brazzaville	5	characterized
Guinea Conakry	24	pending
Senegal	5 (snap bean)	-
Sierra Leone		pending
Togo	8	characterized
Ghana		pending
Mali	3 (snap), 9 (dry bean)	pending

6. Countries' output: bean Var.

BURKINA FASO

- **MCR:** IDS 85-672, KNX 85, DINIANIA, BF-6
- **BILFA:** ECA PAN 017, ECA PAN 002

6. Countries'
output: bean Var.
(ctd)

CAMEROON

- **BILFA/MCR:** ECA PAN 021, HM 21-7, ECA PAN 019, ECA PAN 002, ECA PAN 017, ECA PAN 015, ECA PAN 009; NGUAKU NGUAKU, T 8426 F-11-6, RWR 1873, UBR(92)25, DFA-55, DOR-701, VEF 88(40)L1-PYT; MEX-142; DINIANIA; KNX-60; ECA PAN 004; KNX-89.
- **Biofort/MAC:** AFR-708 (3t/ha, RWR-10 (2.79t/ha), PVA-8 (2.49t/ha) and SELIAN97 (2.42t/ha); TY3396-12 (3.79), MCM2001 (3.46), MAFUTALA (3.00), K131,K132; NAIN de KYONDO (4.03t/ha), MEX 142 (3.85t/ha), MAC MBOUDA 3.70t/ha), MOORE88002 (3.54t/ha).

6. Countries' output: bean Var.

CENTRAL AFRICAN
REPUBLIC

- **MCR:** KN 107 LM-1, PVO-14/2, Nguaku Nguaku, KNX35, Meringue
- **MAC:** MAC 107, MAC 99, MAC 89, MAC 96, MAC 78
- **Biofort:** PVO-14/2, MCM 2001, ROBA-1, KIANGAR?, RANTONOMBI
- **BILFA:** LBR(92) 25, MEX 142, FEB 192-2006, ECAPAN 013, T842 B6-11-6

6. Countries' output: bean Var.

CONGO
BRAZZAVILLE

- KNX 60, ECAPAN 004, KNX 114, Aye New et Zébra, Nguaku- nguaku, MEX 142, CIM 9331- 1, I2R(92)25, ECAPAN 021, K131, RW 10, Aye New, Lola, A445, MCR 2001

6. Countries' output: bean Var. (CTD)

GUINEA CONAKRY

- Mancha 1 (1285 kg), Babessi 1; BF10, ECAB005, MANSEKI, SEQ 11007, KJ4-3 (1165 kg/ha) and Mac 55 (837 kg/ha)

6. Countries' output: bean Var.

SENEGAL

- **BILFA::** ECAPAN 017 ; ECAPAN 019 ; ECAPAN 024 ; CIM 9331 ; ECAPAN009 ; ECAPAN 010 ; FEB181 ; HM 21 – 7; ECAPAN 020; Mex 142
- **MCR:**KNX 106 / LM2 ; MERINGUE ; KNX 107 / LM1 ; KNX 86; M'BIDI; PVO-14/2: KNX 55, KNX114. KNX 106. KNX 85. LYAMUNGU- 90. GLP -190 (M-M) ; DFA – 55 : HL - 12
- **Biofort:**AFR 708 ; MCM 2001 ; MEX 142 ; AND 660 ; JESCA ; K 131 ; K132 ; ZEBRA et LIB – 1
- **MAC:**MAC 89 ; MAC 104 ; MAC 99 ; MAC 119 ; MAC 75 ; LUNDAMBA ; MAC 74 ; MAC 93 ; BF 10 ; A - 445

6. Countries' **output: bean Var.**

SIERRA LEONE

- **Bush:** NITU, ECAB 0403, ECAPAN 019(BILFA), PH 320, Lyamungu 90, T-3(M'vuazi), ECAB 0027, ECAPAN 025(BILFA)
- **Semi-Climbers:** UBR (92)25, FEB 200(BILFA), SEQ 1007(drought tolerant), Lundamba (heat tolerant), I 9(Ndundu), VEF 88(40), ECAB 0253, Manseki, Local ancien.
- **Climbers:** KJ4-3, FEB 181(BILFA), ECAPAN 026(BILFA), NAKAJA and MAC 36-1

6. Countries' output: bean Var. (ctd)

TOGO

- ECAB0403, ECAB0401, ZEBRA, ECAB0416, ECAB 30702; ZAA5/2, KNX87, KNX89, LUNDAMBA; KJ4-3, MAC55.

7. Foundation seed multiplication and reach, 2010/2011 (Cameroon)

Partner/Producer	Amount (kg)	Female access	Male access
Bean program	2050	1342	822
IRAD station	4000	To be distributed in 2011	To be distributed in 2011
National seed project	22450	To be distributed in 2011	To be distributed in 2011
Total	28500		

8.CAPACITY BUILDING

- In WECABREN, capacity building comprised training, technical backstopping visits to some countries, exchange visits to PABRA activities, and supply of documents.

8.(ctd) WECABREN Annual meeting in Bamako, Mali, 2010

.In November 2010, WECABREN held its annual workshop in Bamako, Mali to review and plan activities for 2011-2012.

WECABREN training, 2010/2011

- Pathology
- Write shop
- Gender

Backstopping visit to CAR, 2010



Work plan 2011/2012

- Variety release and publications
- ISFM/IPDM
- Gender
- M & E
- Seed system and REU

THANK YOU